



# Homeland Defense

Edgewood Area—Aberdeen Proving Ground, Maryland 21010-5423

U.S. Army Soldier and Biological Chemical Command



## WMD Installation Preparedness Course Descriptions

Courses can be offered directly to students or as train-the-trainer. Translation of material is also available upon request. Training is provided by mobile teams of subject matter experts that bring the training to your location.

### Employee Awareness (Video)

Employee Awareness training is a 30-minute video presentation intended to provide basic weapons of mass destruction (WMD) awareness to a diversified audience of installation military, civilians and dependents. There is a separate module in the video that specifically targets 911 call takers and dispatchers. The training is presented in layman's terms and is available in both English and Spanish. There is no instructor requirement, however, a facilitator is recommended to guide you through the video. The video covers:

- General aspects of WMD terrorism
- Information to recognize a WMD terrorist incident through signs and symptoms and possible dissemination devices
- Self-protection measures and notification to the proper authorities

Instructional materials include a facilitator's guide, a pamphlet for the participants (both English and Spanish) and a 911 call taker's and dispatcher's checklist for future reference.

### Command and Staff Workshop

The workshop is a 3.0-hour course intended to provide the installation commander and staff members awareness of the implications of a



WMD incident on their installation. The interactive workshop employs video clips, case studies, lecture and discussion to promote understanding among installation officials of the impacts of a WMD incident on their installation and their mission. The workshop objectives are to:

- Develop an awareness of the impact of a WMD incident on the mission
- Assess the potential risk to the installation of a WMD incident
- Understand the implications of a WMD incident on the installation
- Understand the need for an integrated response
- Develop an awareness for special considerations of WMD response

***Suggested class size: 20–30***

### Responder Awareness

The 4-hour Responder Awareness course is an introductory course designed for emergency

responders, installation planners and support personnel, such as family services and public works. The goal of this course is to enable participants to recognize the signs and symptoms of chemical and biological agents and nuclear/radiological materials, to recognize potential devices used for dissemination, to make proper notifications and to take defensive actions to safeguard themselves and their installation. This course covers:

- Introduction to the WMD terrorism threat
- Nuclear/radiological, biological, and chemical materials
- Dissemination devices
- Responder actions

Prior to enrollment in the Responder Awareness course, participants should have a basic understanding of principles and procedures to respond to a hazardous material incident.

***Suggested class size: 25–50***

## **Responder Operations**

The 4-hour Responder Operations course is designed specifically for incident response teams in a defensive mode. The goal of this course is to provide responders with an understanding of the technical aspects of WMD incidents and the defensive actions required to protect themselves and their installation. This course covers:

- Responder actions at the operations level
- Chemical downwind hazard analysis
- Personal protection
- Introduction to detection and identification
- Emergency decontamination procedures
- Practical exercise

The Responder Awareness course is a prerequisite for this course.

***Suggested class size: 25–50***

## **Technician-HazMat**

The 16-hour Technician-HazMat course is

specifically designed for HazMat technicians. HazMat technicians learn the difference between responding to WMD terrorist incidents and HazMat events. The goal of this course is to provide HazMat technicians with an understanding of the technical aspects of WMD incidents and the offensive actions required to protect themselves and their installation. This course covers the same topics as the Responder Awareness and Responder Operations courses, but at a more advanced level. The course covers the following:

- Responder actions at the HazMat technician level
- Hands-on detection and identification exercise
- WMD agents at the HazMat technician level
- Protective equipment
- Decontamination procedures
- Chemical classification, detection and identification
- Practical exercise
- Downwind hazard analysis
- Dissemination devices

The participants should be HazMat technician-qualified prior to enrollment. No WMD IP course prerequisites are required.

***Suggested class size: 15–20***

## **Technician-EMS**

The 8-hour Technician-EMS course instructs emergency medical technicians and paramedics on the unique aspects of a medical response to a WMD terrorist event. The goal of this course is to enable participants to understand the technical aspects of WMD incidents and the defensive actions required by EMS responders to protect themselves and their installation. This course includes:

- Introduction to WMD terrorism threat
- Possible dissemination devices
- Recognizing WMD exposure
- Trends indicating possible events
- Safe and legal antidote requirements
- Unique triage of potential mass casualties and

emergency medical field treatment demands

- Unique considerations to treat victims of a WMD terrorist incident

The course consists of lectures, demonstrations and practical exercises, to include personal protection measures, detection, decontamination and triage. No WMD IP course prerequisites are required.

***Suggested class size: 15–20***

## **Medical Facility Provider**

The 8-hour Medical Facility Provider course provides emergency department physicians and nurses with an understanding of the medical aspects of WMD incidents and the defensive actions required to protect themselves and their emergency department. This course includes some of the same topics as the Technician-EMS course, but at a more advanced level. This course covers:

- Introduction to WMD terrorism threat
- Diagnosis and treatment of victims of a WMD incident
- Unique public health guidelines
- Special considerations for hospital personnel dealing with a WMD incident:
  - Management of contaminated victims
  - Decontamination of contaminated victims
  - Protection against cross-contamination using personal protective measures

Course format includes classroom lecture with demonstrations and case studies. No WMD IP course prerequisites are required.

***Suggested class size: 10–25***

## **Incident Command**

The 8-hour Incident Command course provides incident commanders and key responders with the necessary information and considerations to effectively manage a WMD incident. The course consists of 4 hours of lecture and a 4-hour tabletop exercise. Specific topics include coordination of resources, protective measures and associated risks, evacuation versus shelter-in-place considerations, perimeter security measures, management of mass casualties and applications of the Federal Response Plan. The goal of this course is to familiarize the participants with the challenges, consequences and special considerations of incident commanders when dealing with WMD incidents. This course covers:

- Challenges and consequences of management in a WMD incident
- Tactical considerations and actions for WMD incidents
- Understanding the roles of the federal government in a WMD terrorist incident
- WMD terrorism response and planning exercise

The Responder Awareness and Responder Operations courses or any of the technician level courses (Technician-EMS, Technician-HazMat or Hospital Provider) are prerequisites for the Incident Command course.

***Suggested class size: 10–20***

For more information, contact the Homeland Defense Business Unit via mail to Commander, U.S. Army SBCCOM, ATTN: AMSSB-REN-HD (E3331/117), 5183 Blackhawk Road, Aberdeen Proving Ground, MD 21010-5424, via telephone at (410) 436-3674, or via e-mail to [homeland.defense@sbccom.apgea.army.mil](mailto:homeland.defense@sbccom.apgea.army.mil).